CULTURE MEDIA IMPROVES EMBRYO SURVIVAL

Description:
Researchers at the University of Guelph have created an embryo in-vitro culture and cryopreservation (IVCC) media for use with and without cryopreservation methods. This IVCC media significantly improves the viability, quality and survival of bovine embryos\(^1\). The use of advanced reproductive technologies like embryo transfer and freezing is becoming the standard practice in both agriculture and human health sciences. However embryo production yields are still low and even minor improvements has significant benefits to the economics and quality of embryos transfer into recipients.

Advantages:
- Increased survival of embryos
- Improved quality of embryos
- Increased yield and profitability
- Increased growth rates
- Decreased apoptosis

Potential Markets:
- Bovine embryo transfer services
- Human fertility clinics
- Advanced reproductive research
- Wildlife preservation research

Status:
- Field validation in progress
- Bovine and human industry research

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License Status:
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